

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

We claim:

1-8. (Cancelled)

9. (New) A bimetallic thermostat with exchange contacts comprising:
an external support covering; and
an internal device comprising:

a pierced base provided with a packing and with electric contacts for connection with an outside of the bimetallic thermostat,
a relay electrically connected with said base, and
a sensitive thermostatic element provided with feet electrically connected with said relay,

wherein a printed circuit insulating plate is interposed between the sensitive thermostatic element and the relay, said printed circuit insulating plate comprising first holes for ends of wires connected with said electric contacts, second holes for the fastening of the relay, passing-through slots for housing the feet of the sensitive thermostatic element and said printed circuit insulating plate provided with routes for connecting said first and second holes and said slots while preventing interferences between said feet of the sensitive thermostatic element and said wires.

10. (New) The bimetallic thermostat according to claim 9, wherein said external covering is partially provided with an external connection thread.

11. (New) The bimetallic thermostat according to claim 9, wherein the relay is fastened to said circuit insulating plate.